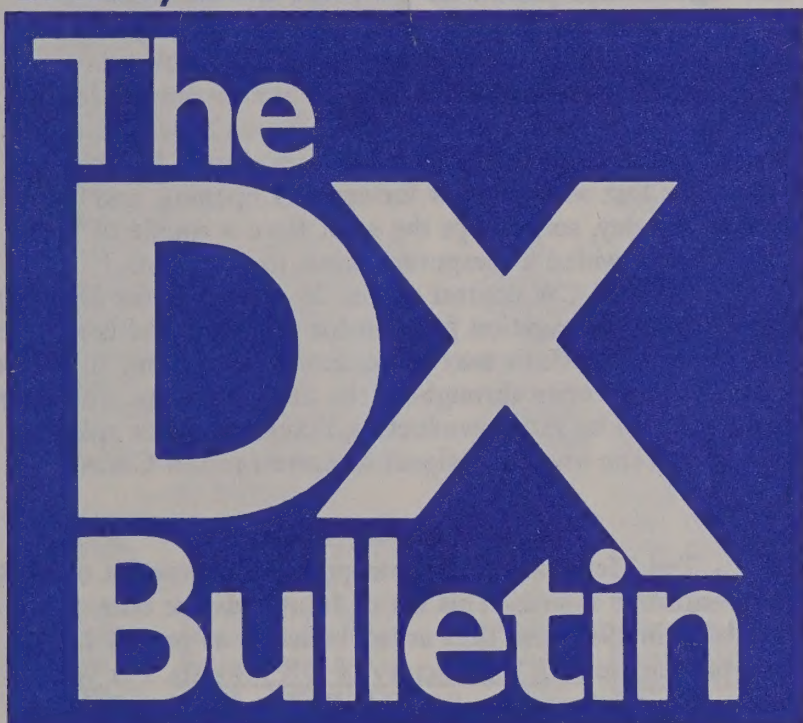


**Vietnam - 3W 3W8DX and 3W8CW** got their beam and amplifier through Customs, and had a much-improved signal during CQWW SSB. [Can you believe a 3W multiplier in CQWW!] West coast stations continue to find the stations easy to work, while east coast DXers are having more trouble. If the bands continue to hold out, everyone should get a good opportunity to work these stations in the next month. They've been logged on their advertised frequencies of 35 kHz up on CW, and 28535, 21235, 14235, and 3795 kHz. QSL addresses are in Issue 458.

**Cyprus - 5B Lloyd and Iris Colvin** are active as **W6KG/5B4** until Nov. 19. Then they move on to the Sovereign Bases on Cyprus to operate for about a month as **ZC4ZR**, including CQWW CW. Iris is often in the DX nets, looking for new countries. QSL Yasme, P.O.Box 2025, Castro Valley CA 94546.

Edited by Chod Harris **VP2ML**



America's Premier Weekly Amateur Radio Publication

**Oblast News UZ9OWM/UJ7K** is very active from Oblast 192, through Nov. 10. Watch 7214, 3815, 3790, and 20 kHz up on CW. QSL to UA9OBA, P.O.Box 1, 630092 Novosibirsk USSR. Oblast 192 is a new Oblast formed by the combination of old UJ8X (183) and UJ8K (182), both of which are now deleted. The new Oblast name is Khatlon. The very active station UJ8XDH was still using that call on Oct. 24.

Several Oblasts have been absorbed into neighboring regions, and are now deleted: Oblast 176 UL7Y is absorbed into UL7L 026; Oblast 179 UL7A is now part of Oblast 020 UL7O; Oblast 177 UM8P is now part of Oblast 033 UM8Q; and Oblast 184 was absorbed into Oblast 036 UM8M. These changes were effective October 23, according to UA9CBO.

**Pacific Tours OH2BAZ's** planned operation from Wallis FW0 was cancelled, due to transportation problems. Vili stayed in Fiji as **3D2VV**. There was lots of confusion about the **3D2VV** operation, as many DXers thought this might be a second call of the Rotuma **3D2XX** operation, which wraps up Nov. 5. Both were operating 5 kHz up on CW, contest style. Vili and Peter **OH1RY** are scheduled to operate from Niue **ZK2** Nov. 5-11, as **ZK2RY** and **ZK2AA**. Peter is often on 10M SSB at 23-0100Z. Mats **SM7PKK**, who also operates 5 kHz up on CW, was due on from Niue Oct. 25, but has not been heard since he left American Samoa on Oct. 23. His next scheduled stop is Tonga **A3**, Nov. 8-24. Mats likes 14005 kHz at 0330-0430Z.

### Reserve Your Island

■ **N2IC** will operate **KP2A** in the ARRL SSB Sweepstakes Nov. 19-20. **K4TEA** will put **KP2A** on in the CQ 160 meter contest next year. QSL all **KP2A** operation to **N6CW**.

### Shortly Noted

■ Omani amateurs will add **/ND** to their **A4X** callsigns Nov. 14-20, in honor of Omani National Day Nov. 14. Club station **A4XND** will also be on. They'll offering a certificate for working 5 ND stations: GCR with 10 IRCs to Awards Manager, P.O.Box 981, Muscat, Oman. **A4XGY** meets his QSL manager **K2RU** at 1200Z on 28450 kHz and at 1600Z on 21345 kHz. DX courtesy says you should let them finish their QSL business *before* you call!

■ Gene Shcumat **UA9AB** runs a Russian Asia DX net Sunday 0200-0430Z on 14161 kHz, with UHs, UIs, UJs, and UMs. He'll help getting cards from these stations, too. QSL direct with IRCs to P.O.Box 17, Troitsk 457100 USSR.

■ **RA0AD/JT5** will be active on the low bands for the next two years. (Tnx **DX-NL**).

■ **VP8BTY** is on 21367 kHz at 1900Z from Halley Base in Antarctica. Weekends try 21380 kHz at 1700Z. QSL **G3KEC**.

■ **FT5ZB** leaves Amsterdam Is. this month, after a year of intense activity. His replacement is **FT5ZE**.

■ In addition to Graham **VK0GC**, new Macquarie Is. operators are **VK0IK** and **VK0DS**, starting next month.

■ Ramiz **ZA88RA** was back on the air Oct. 23, on 21050 kHz at 1715Z, 15-18 wpm. He gave his locations as 60XNR1 United Nations, Tirana, and said to QSL to **I0NKN**. Slim?

■ **W200LA** from Washington State is active Nov. 5-12, 25 kHz up from the General end of the bands. QSL **KE7PB**.

■ **TV6STR** on the weekends is a special event station honoring the 2000th anniversary of Strasbourg, France. QSL to **F6GID**.

■ Regulars are (callsign, frequency or band, UTC): **KX6DC** 1824-33, 1030-1200Z, and 3508 1050-1130Z; **4S7CF** 14003-6 0120Z; **4S7WP** 20M CW 00-0100Z; **RH8AO** 14025 03-0400Z; **UJ8XDH** 20M CW 0300Z; **UH9AHA** 20M SSB 03 or 1600Z; **7X4AN** 15M CW 2000Z+; **9M2RU** 15M CW 2345-0130Z; **9X5AA** 10M CW 2030Z; **BV2DA** 10M CW 0000Z; **CE0FFD** 10M CW 21-2200Z; **9J2AL** 28535-40 19-2100Z; **9M2HB** 28533 0200Z; **A35EM** 28525-35 00-0100Z; **BV2A** 28550-55 2345-0100Z; **BY9GA** 28535 00-0100Z; **CN2AQ** 28525-35 18-2000Z, and **FH8CB** 28543 2000Z.



## Propagation

### Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
<b>November</b>		
4 High Normal	10/08 174 06/13 3	9/10 114 08/17 2
5 Low Normal	10/09 176 14/22 2	9/11 120 33/65 4
6 Disturbed	10/10 179 41/103 5	9/12 125 19/30 2
7 Low Normal	10/11 170 17/27 1	9/13 122 14/24 1
8 High Normal	10/12 149 09/16 3	9/14 129 12/19 2
9 High Normal	10/13 159 08/15 0	9/15 125 13/19 2
10 Above Normal	10/14 151 04/11 1	9/16 127 09/13 2
11 High/Above	10/15 150 04/12 2	9/17 133 18/34 2
12 High Normal	10/16 155 06/14 3	9/18 139 24/51 3
13 High Normal	10/17 178 11/19 3	9/19 138 18/43 3
14 Below Normal	10/18 162 25/34 2	9/20 149 09/18 2

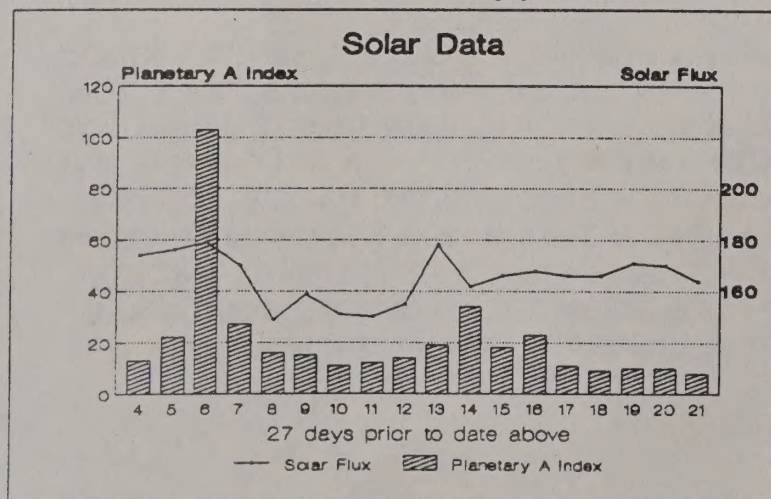
### Propagation Watch

The bands continue to be kind to DXers. Solar flux has hovered in the 150-180 range for the past three weeks, more than enough to keep 10 meters open all day. And geomagnetic activity has remained very low, keeping the maximum usable frequency (MUF) high. The quiet geomagnetic field also means good long-haul propagation, and consistent long-path openings. We expect these good conditions to continue for much of November.

The part of the sun that produced the major storm on October 10 is swinging back to face Earth, so we may see a jump in geomagnetic activity which can depress MUFs, reduce signal strengths, and increase absorption on the low bands, especially around Nov. 6. Otherwise, we look forward to good to excellent conditions for the next few weeks.

Look for long path openings to the west at local sunrise on 20, 30, and 40 meters. Soon after sunrise, 10 and 15 meters open up to the northeast. At times in the early morning, 10, 12, 15, and 20 meters are all open in that direction. The higher bands swing to the south and then west as the day progresses, although increased absorption around midday degrades 20-meter signals. By local sunset, the higher bands are wide open to the northwest.

10 and 12 meters close down a few hours after sunset, and then 15 meters, as late as 3-4 hours after sunset, depending on how high your antenna is. (The higher the antenna, the longer the band opening.) 20 meters comes alive again in early evening, and stays open on the polar path until very late at night. 40 meters is good to the east at local sunset, and again late at night. Try 40 as early as a hour before sunset; it's often open. If the geomagnetic field has been quiet for several days in a row, check 80 and 160 meters, especially after local midnight. Conditions will only deteriorate as winter approaches. Enjoy them now.



## CQWW SSB Propagation

We predicted good radio propagation for CQWW SSB Oct. 29-30, and we weren't disappointed. I don't know how *CQ Magazine* manages to schedule good band conditions for the last weekend in October, but their luck held again this year.

The solar flux was not as high as expected, with values of 156 on Saturday, increasing to 167 on Sunday. However, that is more than adequate to keep 10 meters wide open from sunrise to well after local sunset.

The geomagnetic field stayed very quiet for most of the weekend. The Boulder A index was 3 on both days, and the planetary A index stayed in the 9-10 range. (The planetary A index is a combination of readings from several stations, including some at high latitudes, and more closely predicts long-haul propagation.) The K index was also low. In fact, the Boulder K index was zero for much of Sunday.

A minor solar flare around 0500Z on Sunday disturbed the bands to a minor extent, primarily on the sunlit side of the earth. Later Sunday, some patchy fading degraded the high-latitude paths over the poles, and increased absorption on the lower frequencies during daylight. However, MUFs were high throughout the weekend.

As a bonus to VHF DXers, 6 meters opened in the middle of the contest, around 01-0300Z on Sunday. Lots of Australian stations filled the band, with a solid F2 opening. The solar flux was very low for such an opening, and it came late in the day, so perhaps the solar flare a couple of hours later had provided a temporary boost to the bands.

CQWW CW contest comes 28 days after the SSB test, so the early propagation forecast for that weekend is more of the same. The MUFs may be seasonally lower, but 10 meters should still be open throughout the daylight hours. The lower bands should be more productive, thanks to lower noise levels, and the improved signal-to-noise ratio of CW.

## Award Update Available

Ted Melinosky K1BV has prepared a free list of 1988, time-sensitive awards. This list of 16 awards are only available in 1988, and thus aren't included as part of his comprehensive K1BV Directory of DX Awards. For your copy of this list, send an SASE to Ted at 525 Foster Street, Suite 1001, South Windsor CT 06074. Ted says the 1989 edition of his awards directory will list over 1000 awards!

## Hams in Space

US efforts to get another amateur radio operator in space have been delayed until March, 1990, at the earliest. Ron Parise WA4SIR is the payload specialist on the ASTRO-1 space shuttle mission, which has been severely delayed. Even with a licensed amateur on board, there is no assurance that he'll have permission to operate. A team from the ARRL, AMSAT, and NASA is discussing possible plans. Amateur radio was bumped from the list of mission activities on the new NASA list, and the team will try to re-instate the use of a ham rig.

Meanwhile the Soviets are going ahead with plans to operate UOMIR from their Mir (Peace) space station, using a 2-meter FM rig running 2 watts into a 1/4 wave whip. They plan to upgrade their station to a 10-watt rig in 1989, and use the call UOMIR. The operator is not yet a licensed amateur, and supposedly will take his license test in the space station. (Thanks Westlink Report.)



# Bandpass Reports Wanted Ask for forms.

## -----RTTY-----

A22BW 28093 1850 23 CA  
FR5ZD P 14107 0300 19 OH  
OK2BRP 28087 1620 23 CA  
RF8F/ 14082 0509 31 CA

UA3TT  
UW9CY 14080 0345 22 CA  
XE3ABC 14091 0210 22 OH  
ZK1CT 14083 0450 24 CA

## -----160 Meters-----

KP2A 1834 0350 25 WA  
KX6DC 1833 1030 24 MI

## -----80 Meters-----

FT5ZB 3507 1321 22 AZ  
KX6DC 3508 1100 27 MI  
UA0FM 3506 1108 19 NY  
UZ1PWA 3503 2302 26 PA  
V85DA 3507 1439 19 WA

## -----75 Meters-----

3D2RY 3788 1438 23 CA

## -----40 Meters-----

6W7OG 7077 0624 16 WA  
9M2AX \* 7004 2259 23 FL  
9Q5DX 7006 2256 25 FL  
A22BW \* 7002 1450 23 AZ  
HB0HTB 7006 0248 24 FL  
KH3/ 7005 0936 24 FL

WY5L  
KH8/ 7002 1015 24 FL  
SM7PKK

OX3SG 7075 0700 27 OR  
PZ1DV 7004 0045 22 FL  
TU4CO 7004 0005 29 FL  
UD6DC 7004 1409 21 OR  
UG6GAW 7008 0405 27 OR  
VK9NS 7000 1110 27 FL  
VU2PCD \* 7001 1419 21 AZ  
YN3CC 7001 0655 27 FL  
ZS6QU 7003 0403 23 CA

## -----30 Meters-----

UR2RND 10108 0511 22 OH  
XE1OH 10101 2202 23 CT

## -----20 Meter CW-----

1Z9A 14043 1315 19 IN  
3B9FR \* 14022 1126 17 MA  
3W8CW 14034 1859 27 CA  
3W8CW 14035 1546 31 CA  
4K0D 14011 0109 22 KY  
4S7CF 14003 0120 23 FL  
4S7TP 14002 0104 25 FL  
4S7VJR 14015 0125 20 OR  
4S7WN 14019 1111 22 MI  
4S7WP 14029 0138 26 FL  
5VU386 14026 2245 25 FL  
9L1DX 14011 0420 25 OR  
A4XJS 14016 0330 23 OR  
A4XJZ 14016 0330 23 MA  
AP2HA 14030 0130 20 MI  
FK8FN 14003 1212 20 PA  
FR4FA/J 14038 0401 31 CA  
FT2XE 14055 1340 19 IN  
FT2XE 14055 0110 22 ME  
HS0B 14057 1735 19 NH  
HS0B 14027 1209 24 WI

JT1BV 14007 1454 25 OR  
JX1UG 14028 1755 18 OR  
KH8/ 14004 0327 25 FL  
SM7PKK  
RH8AA 14025 0415 21 OR  
RH8AO 14025 0315 22 OR  
RV0YF 14026 1258 24 WI  
RV0YF 14009 0106 25 FL

Zone 23  
UA1OIL 14014 1440 24 WI  
Franz Josef Land

UA6IA 14016 0320 25 OR  
UH8AAD 14024 0254 23 PA  
UH8AAG 14027 0140 22 ME  
UI8OAE 14024 0036 29 FL  
UJ7K/ 14018 1550 27 OR  
UZ9OWM

UJ8XDH 14008 0306 24 VA  
UL7IAL 14018 0421 23 FL  
UL7PO 14022 0254 24 FL  
UL7VBP 14022 0144 23 FL  
UZ0DWD 14013 0444 21 WI  
UZ0YWA 14013 1324 26 OR  
YK1AO 14030 0441 24 CA

## -----20 Meter SSB-----

3B9FR 14238 0306 22 MI  
3D2RY 14161 0607 22 AZ  
4K0D 14247 0320 22 MN  
5V7TM 14180 2326 18 NY  
AP5HQ 14233 0340 24 MO  
BV/ 14206 1320 23 MN

JA2EZD  
BY4AA 14188 1230 22 NH  
EP2ASZ 14159 2357 21 AL  
FT5ZB 14238 0305 22 MI  
J28DN 14207 0015 19 MA  
JW5E 14242 2220 22 OH  
OX3SG 14192 0633 23 VA  
RZ1OWA 14219 0400 23 MA

Franz Josef Land  
SU1BA 14192 0104 22 MD  
UH9AWA 14213 0315 24 OR  
UH9AWA 14237 1647 24 CA  
UH9HWA 14226 1430 21 CA

UI8CD 14190 0230 23 WY  
UI8DAF 14160 0353 24 OR  
UI8ZAA 14251 0307 22 AL  
UJ8SAD 14196 0225 23 FL  
UL7NW 14199 0159 23 NH  
UM9TWA 14221 0445 27 OR  
VP8BRR 14222 0914 18 NV  
VR6ID 14242 0312 18 ON  
YI1BGD 14192 0039 21 CT  
YI1BGD 14192 0400 21 CT  
ZD7BJ 14222 2115 23 WA

## -----15 Meter CW-----

3D2VW 21010 2230 22 MI  
3W8CW 21035 0602 31 CA  
7X4AN 21004 2039 23 NJ  
9M2RU 21026 2348 24 FL  
9Q5DX 21005 2250 22 MI  
9V1JY 21023 0246 15 MN  
JT1BR 21017 0135 23 MN  
KH3/ 21049 0026 17 MN  
KB5ENR 21023 0100 18 PA  
KH8/ 21007 0340 17 MN  
SM7PKK  
RV0YF 21032 1310 21 NH  
TU4CO 21010 0040 16 NH  
UA0YO 21011 0250 23 AZ

UI7RER 21024 0255 25 OR  
UJ8XDH 21007 1528 24 WI  
UL7GM 21015 0457 17 OR  
UL7RER 21010 0406 25 OR  
VQ9QM 21033 1923 23 LA  
ZD8DP 21016 2153 27 FL  
ZS3BI 21005 2040 17 OR

## -----15 Meter SSB-----

3A2AG 21288 1715 25 VA  
3B9FR 21335 1829 22 FL  
3W8DX 21235 1248 23 MD  
4U1ITU 21294 1415 18 NY  
7P8DP 21266 2006 25 MD  
9G1PP 21345 1935 23 VA  
9J2BO 21335 1913 21 AL  
9M2RU 21302 0230 24 MO  
9M2ZZ 21240 0330 23 CA  
A92BE 21205 0435 25 NM  
BV2FA 21238 0207 24 WI  
BY9GA 21306 0228 24 WI  
JT1BG 21288 0047 23 NM  
SU1ER 21345 1927 23 NV  
TF5BW 21270 2000 25 NY  
TL8HW 21245 2045 21 KY  
TL8JL 21303 1945 15 MA  
TU2PA 21294 2150 14 NY  
TZ6AS 21303 2212 21 MA  
UZ0DWD 21211 0308 25 OR  
VK9YG 21296 0107 21 CA  
ZS3TP 21290 2100 10 NY

## -----12 Meters-----

4Z4UB 24970 1750 22 CT  
6W7OG 24959 1225 16 NS  
9M2RU 24302 0245 24 OR  
C31LPP 24899 1537 23 PA  
EA6ZY 24949 1626 22 CT  
FH8CB 24950 2057 23 CT  
FR5EL 24940 1802 22 VA  
HB0HTA 24980 1520 23 PA  
P29ZL 24931 0014 16 NS  
TV6STR 24898 1306 23 VA

## -----10 Meter CW-----

3D2VW 28009 2117 23 FL  
5UUV386 28026 1624 29 FL  
7X2ARA 28044 1300 21 GA  
9J2AL 28041 1918 20 NC  
9M2AX 28032 2359 16 MN  
9Q5DX 28012 2015 20 OR  
9X5AA 28012 2031 20 NH  
BV2DA 28003 2234 23 MI  
BV2DQ 28006 2241 26 ID  
CE0FFD 28011 2124 22 MA  
CN8FC 28029 1343 23 FL  
EA9EU 28021 1846 16 MA  
HL1WP 28002 2326 23 FL  
HZ1HZ 28004 1233 21 NC  
OY6FRA 28005 1403 16 FL  
PY0FF 28012 1258 23 OH  
PZ0AA 28025 1752 18 NH  
RI8OA 28024 1302 23 FL  
T77C 28009 1715 23 FL  
TA2AO 28028 1518 20 NC  
TF3LB 28051 2100 22 OR  
TF3SZ 28003 1949 23 PA  
TK0A 28034 1322 23 FL  
TR8CC 28057 2152 15 GA  
TU0A 28009 1715 23 FL  
TU4CO 28009 2335 16 CA  
UD6DG 28015 1702 27 FL  
UG6GRA 28023 1233 29 FL  
UJ8XDH 28010 1240 23 FL  
UL7GDX 28019 1310 23 CT  
VP2MT 28025 2040 27 FL  
VS6DO \* 28018 1230 17 MI  
XE2CM 28024 0016 17 GA  
YI1BGD 28048 1410 22 IA  
ZC4NC 28011 1155 21 MA

## -----10 Meter SSB-----

3D2RY 28350 2324 21 MD  
3DA0AH 28464 1920 23 AZ

3W8DX 28529 0102 26 MT  
4S7NMR 28545 0250 26 WA  
5T5CK 28546 2135 24 OR  
5V7WD 28592 1345 19 MA  
7X2ARA 28542 1523 17 MN  
8R1RPN 28488 2232 18 PA  
9J2AL 28534 1915 17 CT  
9M2HB 28533 0206 19 NV  
9M6HF 28509 0123 21 OR  
9M6MO 28473 2335 23 MI  
9M8PV 28550 0015 22 OH  
9N1RN 28555 0230 23 WA  
9Q5UN 28522 2020 18 PA  
9V1VB 28540 2310 19 CT  
9V1XM 28535 0010 22 MI  
A35EM 28525 0104 18 MA  
A4XRS 28508 1349 23 CT  
BV2A 28550 2346 24 NM  
BV2FA 28522 0211 26 WA  
BY4RB 28511 2319 16 MI  
BY9GA 28534 0050 24 MO  
CE0GHO 28505 2232 23 CT  
CN2AQ 28535 1810 22 CA  
CN2AQ 28529 1927 20 AL  
CN8DQ 28530 2000 16 FL  
CN8FC 28438 1804 19 NC  
CY0SAB 28504 2127 20 KY  
EA6ZY 28484 1721 25 VA  
EA9IE 28498 1650 21 NY  
FH8CB 28543 2010 22 IA  
FR4FA/J 28531 1558 31 CA  
FT5ZB 28887 1350 23 NJ  
HS0A 28537 2225 17 MA  
HV1AC 28475 1235 22 MA  
HV3SJ 28594 1424 22 MT  
HZ1AB 28585 1423 22 MN  
J28DN 28550 1409 23 MI  
JT1BG 28533 0039 27 ID  
JY9LC 28452 1453 23 CT  
KH3/ 28492 2143 16 MA  
WY5L  
OD5MW 28380 1443 23 CT  
OY9R 28670 1504 23 NJ  
PY0FF 28498 1507 23 VA  
S92LB 28560 2122 20 NM  
TA3C 28570 1735 25 NY  
TU2BB 28457 2141 18 NY  
V85RM 28507 0215 21 CA  
VR6HJ 28574 2339 24 NM  
VR6TC 28950 1720 23 WA  
VU2CVP 28549 0215 26 WA  
YI1BGD 28545 1100 21 MA  
Z21JU 28575 1840 22 MA  
ZD7BJ 28527 1832 22 MA  
ZK1CG 28502 2146 23 WY

## -----6 Meters-----

HC1BI 50115 1602 10 NS  
HC2FG 50115 1602 10 NS  
HC5K 50105 1607 10 NS  
LU7DZ 50097 2117 19 FL  
LU8AHW 50110 2154 12 FL  
TI2KD 50108 1603 10 NS  
TI2HL 50115 1622 10 NS  
VP8PTG 50110 2149 17 FL

## -----Novice Band-----

CN8FC 21120 1354 23 FL  
CU2/ 21120 1353 23 FL  
WA1IDP  
DL2SDF 21134 1408 23 FL  
FE6BDM 21111 1402 23 FL  
GOFIP 21138 1358 23 FL  
IK1CIZ 28125 1413 23 FL  
OH3NHF 21131 1404 23 FL  
ON7XO 21121 1404 23 FL  
OZ1EUO 21119 1352 23 FL  
PA0LVB 28119 1412 23 FL  
SM7OSW 28109 1410 23 FL  
UA9CTQ 21107 1349 23 FL  
UB5IJY 21118 1352 23 FL  
YU7BDO 21124 1354 23 FL

**Key to Bandpass:** Callsign, frequency in kHz, UTC, day of month, state of reporting station. \* = long path; P = packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.



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## CALENDAR

Issue 461 - November 4, 1988

(Changes and hot info in boldface.)

<b>Algeria - 7X</b>	7X4AN 21010 kHz 2200Z	<b>I460</b>
<b>Antarctica</b>	VP8BTY 21367 1900Z	<b>I461</b>
Antigua - V2	V21LJ Nov. 17-Dec. 3	I458
Bahrain - A9	A92BE 10 M SSB 1400Z	I459
<b>Belau - KC6 (w)</b>	KC6s NX MZ SW Nov. 4-7	<b>I459</b>
Bora Bora - FO	FO0SSJ Oct. 30-Nov. 30	I455
Canary Is. - EA8	EA8AGD CQWW CW	I452
<b>Central African</b>	TL8TG on CW by 9Q5NW soon	<b>I460</b>
Chagos - VQ9	VQ9QM 14028 2130-0100Z	I459
	21029 1400Z	I459
Congo - TN	TN4NW Nov-Dec. CW, too	I456
<b>Cyprus - 5B</b>	Yasme DXpedition W6KG/5B4	<b>I460</b>
E. Carolines KC6	KC6TO CQWW CW	I452
E. Malaysia - 9M	9M8PV 21240-65 0200Z	I456
	9M8VD OH2XD CQWW SSB	I459
<b>Franz Josef Land</b>	UA1OIL 14165 kHz 12-1300Z	<b>I460</b>
<b>Galapagos - HC8</b>	by HC1MD Nov. 1-4	<b>I455</b>
Guinea-Bissau - J5	J52US 14210-15 0100Z	I459
Honduras - HR	JA0UQY/HR3 10-40M	I457
Iraq - YI	YI1BGD 15 meter SSB 1300Z	I458
Ivory Coast - TU	TU4CO 28010 2130Z	<b>I460</b>
Jan Mayen - JX	JX1UG to March	I457
Juan de Nova - FR/J	FR4FA/J for one month	I459
Kerquelen - FT-X	FT2XE 14055 kHz 1100Z	I449
Luxembourg - LX	LX8A CQWW CW by Bavarians	<b>I460</b>
Macquarie - VK0	VK0GC, VK0IC, VK0DS soon	<b>I461</b>
<b>Marshall Is. - KX6</b>	KX6DC 1824-33 1030-12Z	<b>I461</b>
	3508 kHz 1050-1130Z	
Mayotte - FH	FH8CB 28543 kHz 2000Z	<b>I461</b>
Montserrat - VP2M	VP2MDC CQWW CW M/S	I450
	VP2MW CQWW CW M/S	I450
Mozambique - C9	C9MKT Nov. 25-27, 21295 16Z	I458
Netherland Antilles	PJ2X CQWW CW M/S	I458
New Caledonia - FK	FK8FU 14250 0430Z	I457
Niger - 5U	TU4BR/5U7 14047 23Z	I452
	and 21050-65 kHz 2230Z	
<b>Niue - ZK2</b>	ZK2RY,AA Nov. 5-11	<b>I453</b>
	SM7PKK Oct.25-Nov 7	<b>I453</b>
	/ND Nov. 14-20, Awards	<b>I461</b>
<b>Oman - A4</b>	XF4C Dec. 15-20 SSB	I455
Revillagigedo - XF	3B9FR 14020-25 0250Z	I456
Rodriguez - 3B9	9X5AA 10M CW 2030Z	<b>I461</b>
<b>Rwanda - 9X</b>	S92LB 10M SSB 20-2100Z	<b>I460</b>
Sao Tome - S9	HZ1AB, HZ 10M CW 14-1500Z	I459
Saudi Arabia - HZ	VP8s BRR, BUB SSB nets	I457
So. Georgia - VP8		

Sovereign Bases ZC4	ZC4ZR Yasme Nov 19-Dec 16	<b>I461</b>
Sri Lanka - 4S	4S7CF 14003-6 0120Z	<b>I461</b>
	4S7WP 20M CW 00-010Z	<b>I461</b>
Syria - YK	YK1AO 14030-40 kHz 0245Z	I458
Tanzania - 5H	two years by K3TW	<b>I460</b>
Tonga - A3	SM7PKK Nov. 8-24	<b>I453</b>
Trinidad - 9Y	9Y4TT CQWW CW	I452
Trindade - PY0T	by PY5ZZ Nov. low bands	I457
Turkoman - UH	RH8AO 14025 03-0400Z	<b>I461</b>
	UA9AHA 20M SSB 03, 1600Z	<b>I461</b>
United Nations	4U1UN 2200Z Friday CW	I457
	4U1ITU Nov 23-30 by WA2TMP1460	
US Virgin Islands	KP2A in ARRL SS, CQ 160M	<b>I461</b>
Vanuatu - YJ	YJ8AA 14213 kHz 1200Z	I453
Vietnam - 3W	3W8DX, CW Oct. 21-Nov.	<b>I459</b>
	35 kHz up on CW, 28535, 21235	
	14235, and 3795 kHz	<b>I461</b>
West Malaysia - 9M2	9M2RU 21026 0100Z	<b>I460</b>
Zaire - 9Q	9Q5DX 28010 18-2200Z	<b>I460</b>

### DX Activities and Contests

Date	Event or Activity	Info
Nov. 5	NEDXCC Diner	<b>K1ST</b>
Nov. 5-7	ARRL SS CW	<b>QST</b>
Nov. 11-13	Japan International	<b>CQ</b>
Nov. 12-13	European RTTY Contest	<b>CQ</b>
Nov. 19-21	ARRL SS SSB	<b>QST</b>
Nov. 26-27	CQWW CW Contest	<b>CQ</b>

### Contributors

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